

## Information Handling

1. The table shows the number of S1 pupils at Perth High School.

- (a) How many boys are there in 1H?
- (b) Which class has the fewest pupils?
- (c) How many more girls than boys are there?

Class	Girls	Boys
1P1	11	11
1P2	12	12
1K	12	14
1H	14	10
1B	15	10
1E	10	16

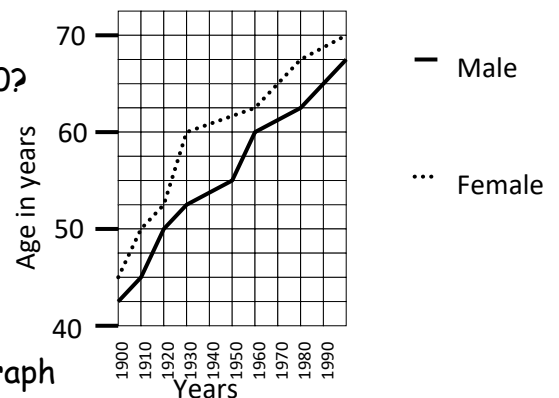
2. The following is a table in a travel brochure.

Dates	7 nights	14 nights	AC
Jan. – Mar.	£159	£239	£29
Apr. – Jun.	£165	£319	£39
Jul. – Sep.	£1 190	£1 719	N/A
Oct. – Dec.	£175	£509	£49

- (a) How much would it cost to stay for 7 nights in February without air conditioning?
- (b) How much is a 14-night break in August?
- (c) What would 14 nights in November with air conditioning cost?

3. The line graph shows the life expectancy of people living in the UK from 1900 to 1990.

- a) What was the life expectancy for females in 1960?
- b) Why do you think the life expectancy for males and females increased in this period?



1. Use the information in this table to draw a line graph

Time	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.	Sun.
Temp	7	12	18	8	22	15	14

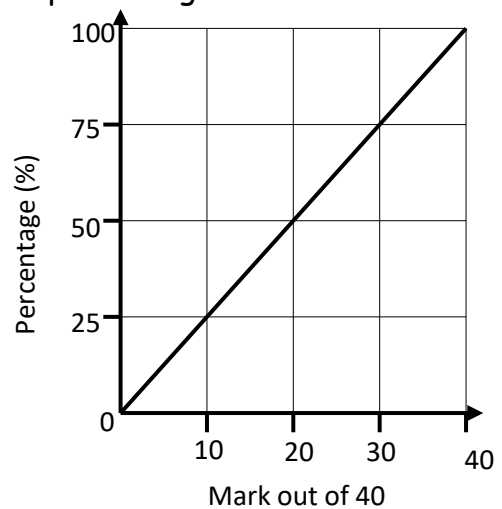
5. The graph converts marks out of 40 to a percentage.

(a) Use the graph to convert each mark to a percentage:-

(i) 28 (ii) 32 (iii) 36 (iv) 4

(b) Derek scored 75% in a test.

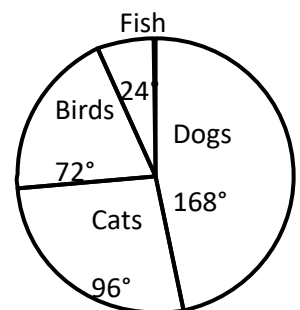
How many marks out of 40 is this?



6. Draw a pie chart to show this information.

Walk	Drive	Bus	Bike
28	6	16	10

7. If there are 720 pets altogether, how many of each type are there?



8. (a) Copy and complete this frequency table for the information below:

34    21    9    17    36    25    38    23

(b) Use the table to draw a bar chart.

Mark	Tally	Frequency
0-9		
10-19		
20-29		
30-39		

9. For each data set:- (a) Draw a frequency table.

(b) Draw a bar graph.

(i) 67, 86, 87, 63, 94, 56, 78, 26, 34, 56

(ii) 12, 58, 26, 89, 57, 23, 84, 57, 56, 43

(iii) 81, 27, 39, 65, 24, 24, 51, 71, 95, 57

(iv) 87, 59, 26, 35, 59, 47, 12, 57, 53, 24

10. For each set of data, calculate the mean and range.

(a) 3, 3, 6, 6, 5, 9, 9, 7

(b) 22, 30, 34, 24, 32, 20, 12, 22, 32, 24, 28, 16, 32, 22

11. For each set of data, calculate the mean and range.

(a)

Score	Frequency
10	3
11	4
12	1
13	2
14	3

(b)

Score	Frequency
8	2
9	4
10	5
11	1
12	2